

**In the Claims**

Claims 1-37 and 49-53 have been canceled without prejudice.

Claims 54-75 are added.

Claims 38-48 and 54-75 remain in the application and are listed below as follows:

1.-37. (Canceled).

38. (Previously Presented) One or more computer-readable media containing computer-executable instructions that, when executed on a computer, perform the following steps:

requesting a server to transmit content file data over a network at a first transmission rate;

while receiving a portion of the content file data at the first transmission rate, requesting the server to transmit a specific portion of the content file data over the network at a second transmission rate;

receiving the specific portion of the content file data from the server at an actual transmission rate which is less than or equal to the second transmission rate;

determining if the network can viably support transmission of the content file data at the actual transmission rate during receipt of the specific portion of the content file data;

if the network can viably support transmission of the content data at the actual transmission rate, requesting the server to transmit subsequent content file data at a rate that is not greater than the actual transmission rate;

1 if the network cannot viably support transmission of the content data at the  
2 actual transmission rate, automatically receiving subsequent content file data at the  
3 first transmission rate; and

4 wherein the subsequent content file data is content file data that is  
5 transmitted after the specific portion of content file data has concluded  
6 transmission.

7  
8 39. (Original) The one or more computer-readable media as recited in claim  
9 38, further comprising storing the actual rate in a history file associated with the  
10 server that contains one or more previous transmission rates at which content file  
11 data was adequately received from the server.

12  
13 40. (Original) The one or more computer-readable media as recited in claim  
14 38, further comprising determining the first transmission rate from a history list  
15 associated with the server that contains one or more previous transmission rates at  
16 which content file data was adequately received from the server.

17  
18 41. (Original) The one or more computer-readable media as recited in claim  
19 40, wherein the determining the first transmission rate from a history list further  
20 comprises determining a median rate included in the history list as the first  
21 transmission rate.

22  
23 42. (Original) The one or more computer-readable media as recited in claim  
24 38, further comprising calculating available network bandwidth to determine the  
25 first transmission rate.

1  
2 43. (Original) The one or more computer-readable media as recited in claim  
3 38, further comprising detecting when the transmission of the content file data at  
4 the actual transmission rate begins.  
5

6 44. (Previously Presented) The one or more computer-readable media as  
7 recited in claim 38, wherein the specific portion of the content file data is specified  
8 as a number of seconds of transmission of content file data.  
9

10 45. (Previously Presented) The one or more computer-readable media as  
11 recited in claim 38, wherein the specific portion of the content file data is specified  
12 as a number of bytes of content file data.  
13

14 46. (Previously Presented) The one or more computer-readable media as  
15 recited in claim 38, wherein the specific portion of the content file data is specified  
16 as a number of data packets of content file data.  
17

18 47. (Original) The one or more computer-readable media as recited in claim  
19 38, wherein the actual transmission rate is a higher rate than the first transmission  
20 rate.  
21

22 48. (Original) The one or more computer-readable media as recited in claim  
23 38, wherein the actual transmission rate is a lower rate than the first transmission  
24 rate.  
25

1 49.-53. (Canceled).

2 54. (New) A computer-implemented method comprising:

3 requesting a server to transmit content file data over a network at a first  
4 transmission rate;

5 while receiving a portion of the content file data at the first transmission  
6 rate, requesting the server to transmit a specific portion of the content file data  
7 over the network at a second transmission rate;

8 receiving the specific portion of the content file data from the server at an  
9 actual transmission rate which is less than or equal to the second transmission rate;

10 determining if the network can viably support transmission of the content  
11 file data at the actual transmission rate during receipt of the specific portion of the  
12 content file data;

13 if the network can viably support transmission of the content data at the  
14 actual transmission rate, requesting the server to transmit subsequent content file  
15 data at a rate that is not greater than the actual transmission rate;

16 if the network cannot viably support transmission of the content data at the  
17 actual transmission rate, automatically receiving subsequent content file data at the  
18 first transmission rate; and

19 wherein the subsequent content file data is content file data that is  
20 transmitted after the specific portion of content file data has concluded  
21 transmission.

22  
23 55. (New) The method as recited in claim 54, further comprising storing the  
24 actual rate in a history file associated with the server that contains one or more  
25

1 previous transmission rates at which content file data was adequately received  
2 from the server.

3  
4 56. (New) The method as recited in claim 54, further comprising  
5 determining the first transmission rate from a history list associated with the server  
6 that contains one or more previous transmission rates at which content file data  
7 was adequately received from the server.

8  
9 57. (New) The method as recited in claim 56, wherein the determining the  
10 first transmission rate from a history list further comprises determining a median  
11 rate included in the history list as the first transmission rate.

12  
13 58. (New) The method as recited in claim 54, further comprising  
14 calculating available network bandwidth to determine the first transmission rate.

15  
16 59. (New) The method as recited in claim 54, further comprising detecting  
17 when the transmission of the content file data at the actual transmission rate  
18 begins.

19  
20 60. (New) The method as recited in claim 54, wherein the specific portion  
21 of the content file data is specified as a number of seconds of transmission of  
22 content file data.

23  
24 61. (New) The method as recited in claim 54, wherein the specific portion  
25 of the content file data is specified as a number of bytes of content file data.

1  
2 62. (New) The method as recited in claim 54, wherein the specific portion  
3 of the content file data is specified as a number of data packets of content file data.  
4

5 63. (New) The method as recited in claim 54, wherein the actual  
6 transmission rate is a higher rate than the first transmission rate.  
7

8 64. (New) The method as recited in claim 54, wherein the actual  
9 transmission rate is a lower rate than the first transmission rate.  
10

11 65. (New) A system comprising:  
12 a processor;  
13 one or more computer-readable media;  
14 computer-executable instructions on the one or more computer-readable  
15 media which, when executed by the processor, implements a method comprising:  
16 requesting a server to transmit content file data over a network at a first  
17 transmission rate;  
18 while receiving a portion of the content file data at the first transmission  
19 rate, requesting the server to transmit a specific portion of the content file data  
20 over the network at a second transmission rate;  
21 receiving the specific portion of the content file data from the server at an  
22 actual transmission rate which is less than or equal to the second transmission rate;  
23 determining if the network can viably support transmission of the content  
24 file data at the actual transmission rate during receipt of the specific portion of the  
25 content file data;

1 if the network can viably support transmission of the content data at the  
2 actual transmission rate, requesting the server to transmit subsequent content file  
3 data at a rate that is not greater than the actual transmission rate;

4 if the network cannot viably support transmission of the content data at the  
5 actual transmission rate, automatically receiving subsequent content file data at the  
6 first transmission rate; and

7 wherein the subsequent content file data is content file data that is  
8 transmitted after the specific portion of content file data has concluded  
9 transmission.

10  
11 66. (New) The system as recited in claim 54, further comprising storing the  
12 actual rate in a history file associated with the server that contains one or more  
13 previous transmission rates at which content file data was adequately received  
14 from the server.

15  
16 67. (New) The system as recited in claim 54, further comprising  
17 determining the first transmission rate from a history list associated with the server  
18 that contains one or more previous transmission rates at which content file data  
19 was adequately received from the server.

20  
21 68. (New) The system as recited in claim 56, wherein the determining the  
22 first transmission rate from a history list further comprises determining a median  
23 rate included in the history list as the first transmission rate.

1           69. (New) The system as recited in claim 54, further comprising calculating  
2 available network bandwidth to determine the first transmission rate.

3  
4           70. (New) The system as recited in claim 54, further comprising detecting  
5 when the transmission of the content file data at the actual transmission rate  
6 begins.

7  
8           71. (New) The system as recited in claim 54, wherein the specific portion  
9 of the content file data is specified as a number of seconds of transmission of  
10 content file data.

11  
12           72. (New) The system as recited in claim 54, wherein the specific portion  
13 of the content file data is specified as a number of bytes of content file data.

14  
15           73. (New) The system as recited in claim 54, wherein the specific portion  
16 of the content file data is specified as a number of data packets of content file data.

17  
18           74. (New) The system as recited in claim 54, wherein the actual  
19 transmission rate is a higher rate than the first transmission rate.

20  
21           75. (New) The system as recited in claim 54, wherein the actual  
22 transmission rate is a lower rate than the first transmission rate.